



Pawn

Wireless Flash Trigger

Product Manual



Overview

Thank you for purchasing high performance Pixel product, Pawn! Its feature include flashgun trigger, studio light trigger and wireless shutter control. The flash sync speed is up to 1/250s. The shutter control mode included single, continuous, BULB and 4sec delay shooting.

Pawn is using global free channel 2.4GHz and FSK modulation system to make the performance more stable. Unique power saving design makes the battery life of the transmitter and receiver last longer.

Before using this product, you must read carefully and understand the user manual. Be familiar with the use of your camera and flashgun so as to ensure you can operate the Pawn correctly.

Caution

1. Make sure the camera and flash are powered off before installing the Pawn.
2. As this is an accessory of electronic product, may be due to external environment matters, the camera or flashgun cannot be made or lead to normal operation. However, the possibility is very low.

3. When connecting the cable with the device, do not pull directly on the wires.
4. Drops or shocks will lead to product failure.
5. The batteries should be installed correctly. Reverse polarity may cause batteries to leak corrosive liquids, heat or explosion.
6. When not in use for long durations, please turn off the transmitter's and the receiver's power and remove the battery.
7. Keep dry and do not touch the product with wet hands. Do not immerse in water or exposed to rain as this may lead to failure of the device.
8. Do not store under high temperature, such as a covered car under direct sunlight, the dashboard and other high-temperature places.
9. Do not use near flammable areas. Failure to follow this warning may cause fire or explosion.
10. This product includes batteries; please strictly follow the instruction for proper operation. Failure to follow this may cause explosions, fire or personal injury.

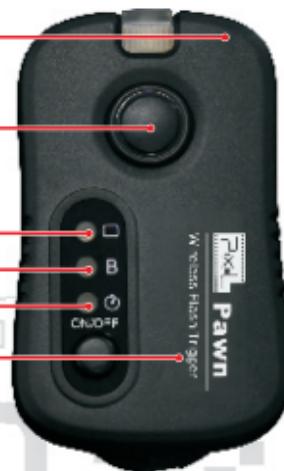
Description

Light Indicator

Shutter Release
Button

Function Light
Indicator

Power Switch/
Setting Button



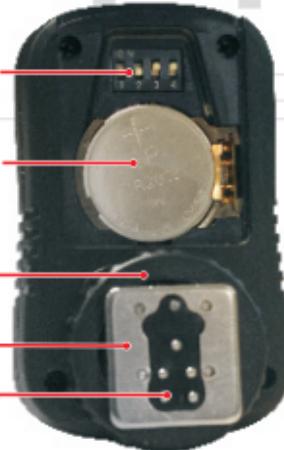
Channel Switch

CR-2032 Lithium
Battery

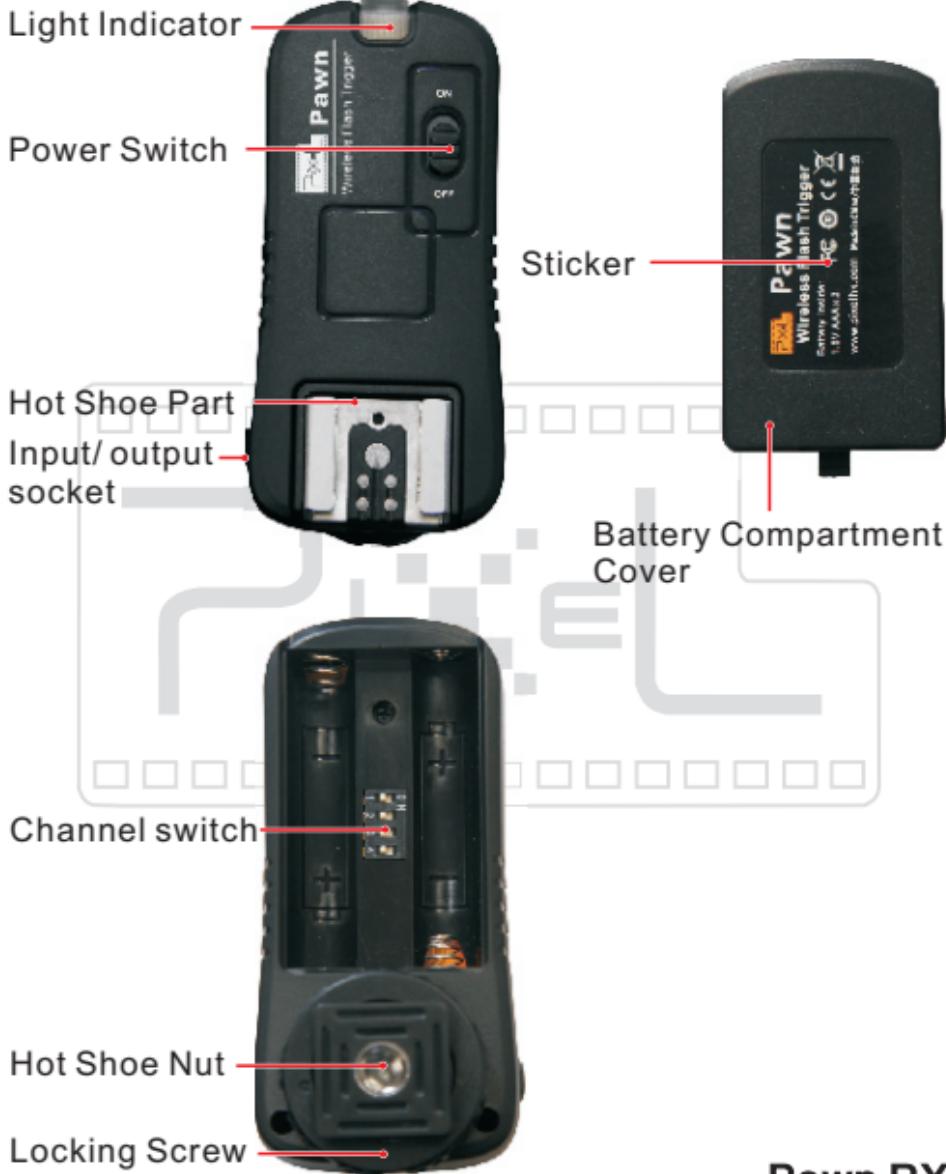
Locking Screw

Hot Shoe Part

Connecting Pins



Pawn TX



Light Indicator : Device power, communication and output status indication. The indicator shows green when half-press the shutter release button and red when full-press.

Shutter Release Button: Half-press means the camera is auto-focusing, and full-press means shooting.

Function Light Indicator: When use as shutter remote, function indicator lights show the shooting mode under setting, press the switch to change the modes: Single/BULB/delay. PS: Make sure the shooting mode on both the camera and the transmitter is the same to work efficiently.

Power/Setting Switch: Press the switch (on transmitter) 2 seconds to turn on the device, meanwhile the function indicator lights up showing the current function mode, press the switch again to change the function mode.

Channel Setting: There are totally 16 channels and the channel switch is inside the battery compartment. After setting channel, please double check that the transmitter and its receiver(s) are in the same channel. When using multi-sets Pawn in the same area, please change each sets to different channels. PS: When you get any frequency jamming, please change the channel.

Receiver Power Switch: Switch to OFF to turn off the device; switch to ON to turn on the device.

Input/output socket: 1)When use to trigger studio light, plug studio light connecting cable (2.5mm side) into the socket and the other side into studio light side. 2)When use as shutter remote controller, plug shutter connecting cable (3.5mm side) into the receiver socket, and the other

side into camera shutter release socket.

Battery Compartment: Loading two AAA batteries.

Receiver's Hot Shoe Nut: for Tripod or other mounting nut.

Transmitter Mounting Foot: Input interface connection with camera hot shoe.

Sticker: Showing product S/N number, battery type on the sticker.

Features //

Using global free 2.4GHz channel and FSK modulation system.

16 selectable channels.

Flash sync speed up to 1/250s.

With flashgun wake-up function, will not miss any shooting opportunity.

Fire the flashgun through hot shoe part and fire the studio light through PC socket.

Can control multiple flashguns and studio lights at the same time.

Shutter function includes single, continuous, bulb and 4-second delay shooting.

Can control multiple cameras for shooting at the same time.

Maximum distance up to 80 meters.

Extra low standby power consumption :
Transmitter Standby Time: 10000 hours
Receiver Standby Time: up to 300 hours

Low-Voltage Design allow using rechargeable batteries.

Items Included

Please check the listed items below in the package and contact your dealer if there is any missing.

Transmitter	1pc
Receiver	1pc
AAA Lithium Battery	2pcs
CR-2032 Battery (inside the Transmitter)	1pc
2.5mm+3.5 connecting cable	1pc
2.5mm+ 6.35 connecting cable	1pc
User Manual	1pc
Receiver Holding Mount	1pc
Hot Shoe Protection	1pc

Shutter Control Cable (either one)

For Canon	2pcs
For Nikon	2pcs
For Sony	1pc
For Olympus/Panasonic	3pcs

Specifications

Type	FSK2.4GHz Wireless System
Distance	80 meters
Channel	16
Transmitter Standby Time	10000 hours (for CR-2032 Lithium Battery)
Receiver Standby Time	400 hours (for AAA Battery)
Dimensions (H x W x D)	Transmitter: 65.5mm x 39mm x 28mm Receiver: 81mm x 38.5mm x 29.5mm
Weight	Transmitter: 32.5g (with Battery) Receiver: 60.5g (with Battery)

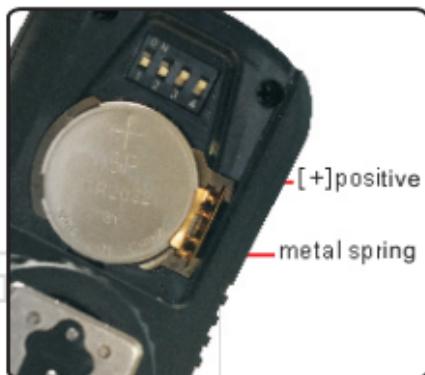
Basic Operation

Battery Installation and Replacement

Transmitter:

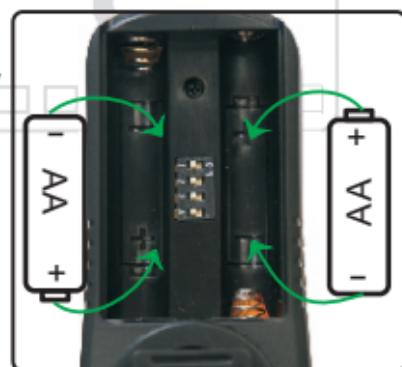
Please follow the steps to install and replace the battery:

- 1) Slide and open the battery compartment cover.
- 2) Please press the metal spring and take out the battery.
- 3) When installation, the positive(+) of the battery must be faced outside. Then put the battery compartment cover correctly.



Receiver:

- ⚠ Beware of the battery polarity when installing. Wrong installation may cause the device cannot operate properly. It may damage the device or cause property damage and personal injury.



Power Switch:

Transmitter:

- 1) Transmitter is under the standby mode when install battery.
- 2) To turn on the power, press Power Switch/Setting Button for 2 seconds. Function Light Indicator turns on and showing the existing group. Function Light Indicator turns off after 4 seconds, transmitter enters into standby mode.
- 3) Under the standby mode, press Power Switch/Setting Button for 2 seconds. After red light blinks for several times, the transmitter turns off.
- 4) Please turn off the transmitter when not in use.



Receiver:

Pawn RX is using 2-steps power switch; switch to OFF to turn off and switch to ON to turn on.

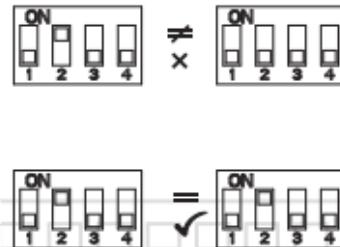


Channel Setting

For proper operation, same channel must be set for the transmitter and receiver.



Transmitter



Receiver

Set the Transmitter Function

When act as Wireless Remote Control for shooting, you can set the transmitter with different function.

- 1) Press "SET" of transmitter, the function indicator lights up and shows the current function mode.
- 2) Press "SET" again, another function indicator lights up and this mode is the working mode.
- 3) Select current function mode if necessary.
- 4) The function indicator light will turn off after 4sec, and the transmitter will stay in the mode as your last selected function.

When the function indicator is turned off, you can check the current mode by pressing "SET" slightly.

Fire the flashgun

- 1) Check if all connections are completed. See if all the power is turned on and the flashgun's parameter is set.
 - 2) Half press the camera shutter release, transmitter then send out the signal and wake up the "sleeping" flashgun (Flash in Standby mode).
 - 3) Fully press the camera shutter release, transmitter then send out flash signal and trigger the flashgun to sync flashing.
- ※ When using the transmitter which is not compatible to camera models; you need to half press the shutter button of transmitter once, the camera can sync shooting within one minute. You'll need to half press the transmitter button again if time exceeds.
- ※ Some of the flash wake up time may take longer, we suggest to half pressing the button for little bit longer then fully press the button to shoot. Try to avoid fully press the button till the end.

Control camera shooting

Single shoot function:

- 1) Press "SET" button of transmitter slightly and choose the mode as [].
- 2) Set the camera function mode as [].
- 3) Half press the shutter release button for sending out the focus signal. The light indicator of the transmitter and receiver will show green. Camera is under focus state until the button is released or fully pressed.
- 4) Full press the shutter release button to send out the shooting signal. The light indicator of the transmitter and receiver will show red. Camera is starting to shoot.



Continuous shoot (or [BULB] shoot) function :

- 1) Press the TX 'setting' button and set it as 'B'.
- 2) Set the Camera shooting mode as [] or [BULB].
- 3) Half press the TX shutter release button for sending out focus signals, both TX and RX green indicator lights are on. The Camera is under focus state till released or fully pressed.



- 4) TX sends out shooting signals while fully pressed. At the moment TX red light on and flashes but RX red light on and blinks. The Camera starts to shoot.
- 5) Repress the RX release button, TX stops sending out signals and RX stops sending out shooting signals then the Camera stops shooting.

Delay shoot function:

- 1) Press “SET” button of transmitter, and set the function as [].
- 2) Set the Camera shooting mode as [].
- 3) Half press the TX shutter release button for sending out focus signals, both TX and RX green indicator lights are on. The Camera is under focus state till released or fully pressed.
- 4) Fully press the TX shutter release button for sending out shooting signals, TX red light on and flashes but RX red light on and blinks. The Camera starts to count time.
- 5) RX indicator light turns off and sends out shooting signals to the Camera after finishing counting.



- 💡 When the focusing mode set as M, the camera will not focus when half pressing the button.
- 💡 When the camera focusing mode is set as A, most cameras when out of focusing, will not shoot even they get the shooting signal.

Thank you for purchasing PIXEL product and read this instruction manual carefully. If you have any question please kindly contact our local dealer or visit <http://www.pixelhk.com>.

This instruction manual is updated on 1st October, 2011. Please contact the PIXEL seller to get the information if you want to use this product together with other latest product, which published after this date.